

Title	Erect and dismantle proprietary falsework		
Level	3	Credits	4

Purpose	<p>This unit standard covers proprietary falsework where the load weight has been determined by others in accordance with the Good Practice Guidelines.</p> <p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – confirm the load to be supported by proprietary falsework; – base out proprietary falsework; – ready proprietary falsework for the next lift; – complete the second level of proprietary falsework; – check the structure is compliant and complete the GPG inspection report; and – dismantle proprietary falsework.
----------------	--

Classification	Lifting Equipment > Elementary Scaffolding
-----------------------	--

Available grade	Achieved
------------------------	----------

Guidance Information

- 1 This unit standard has been developed for learning and assessment on-job or off-job in a simulated environment. Where supervision is required by law, the supervisor must hold the appropriate Certificate of Competence for the scaffolding work undertaken.
- 2 All tasks are to be carried out in accordance with:
 - a quality management systems;
 - b designer requirements and manufacturer operating instructions; legislation, regulations, bylaws, Health and Safety at Work Act 2015, and Health and Safety in Employment Regulations 1995;
 - c the most up to date version of the *Good Practice Guidelines - Scaffolding in New Zealand (GPG)*, 2016 available from <https://www.worksafe.govt.nz/topic-and-industry/working-at-height/scaffolding-in-new-zealand/>; and all subsequent amendments and replacements.
- 3 Definitions

Falsework is as defined in the GPG as scaffolding used to prop or support a load at height.

Scaffolding is as defined in the GPG and in the Health and Safety in Employment Regulations 1995.

- 4 Training and assessment
This unit standard covers the erection and dismantling of single or double tower falsework to a maximum of four metres using proprietary falsework systems.
- 5 Calculating the load weight is specifically excluded from this unit standard but can be assessed in Unit 26603, *Design, erect, and dismantle advanced falsework*.
- 6 Recommended skills and knowledge
Unit 20861, *Demonstrate, at height, safety procedures for the erection and dismantling of scaffolding*; or demonstrate equivalent knowledge and skills.

Outcomes and performance criteria

Outcome 1

Confirm the load to be supported by proprietary falsework.

Performance criteria

- 1.1 Identify the load to be supported in accordance with the manufacturer specifications or falsework design.

Range includes – dead loads, live loads, environmental loads, safe working loads (SWL).
- 1.2 Confirm the load capacity of proprietary falsework system to ensure the structure will not be overloaded.
- 1.3 Confirm ground load bearing capacity and manufacturer instructions.

Range may include – engineer’s recommendations.

Outcome 2

Base out proprietary falsework.

Performance criteria

- 2.1 Position and secure sole boards.
- 2.2 Position and secure base plates or base jacks.
- 2.3 Erect and brace proprietary falsework.
- 2.4 Check structure is vertical and squared.

Outcome 3

Ready proprietary falsework for the next lift.

Performance criteria

- 3.1 Install temporary platform and edge protection.
- 3.2 Access the lift above internally, or via an external ladder and gate.

Outcome 4

Complete the second level of proprietary falsework.

Performance criteria

- 4.1 Fit and brace proprietary falsework.
- 4.2 Fit U head jacks and header beams as required by the falsework plan.
- 4.3 Brace the structure.

Range includes – lacing separate towers using tube and coupler.

Outcome 5

Check the structure is compliant and complete the GPG inspection report.

Performance criteria

- 5.1 Check the structure for compliance with the GPG inspection report and the falsework plan.
- 5.2 Complete the GPG inspection report.
- 5.3 Make changes where structure is not compliant to ensure compliance and amend the GPG inspection report accordingly.

Outcome 6

Dismantle proprietary falsework.

Performance criteria

- 6.1 Dismantle falsework.

Range all components removed progressively after the structure is confirmed as self-supporting.

Replacement information	This unit standard, unit standard 20857, unit standard 20858, unit standard 20859, unit standard 20860, unit standard 23223, unit standard 23224, unit standard 23225 and unit standard 23227 replaced unit standard 4201 and unit standard 4203.
--------------------------------	---

Planned review date	31 December 2026
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 July 2007	31 December 2016
Review	2	16 July 2015	31 December 2019
Review	3	23 November 2017	31 December 2025
Review	4	24 February 2022	N/A
Revision	5	24 August 2023	N/A

Consent and Moderation Requirements (CMR) reference	0003
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council qualifications@waihangaararau.nz if you wish to suggest changes to the content of this unit standard.